



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
US ARMY RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND
AVIATION AND MISSILE RESEARCH, DEVELOPMENT, AND ENGINEERING CENTER
5400 FOWLER RD
REDSTONE ARSENAL, ALABAMA 35898-5000

AMSRD-AMR-AE-D

4 Oct 04 2004D-A44

MEMORANDUM FOR Apache Attack Helicopter Project Manager's Office
(SFAE-AV-AAH-S), Building 5681, Redstone Arsenal, AL 35898-5000

SUBJECT: Airworthiness Release (AWR) Authorizing Use of Night Vision Goggles (NVG) in
both Crew Stations in US Army AH-64D Helicopters

1. References:

a. Memorandum, HQ USAAMCOM, AMSAM-AR-E-I-P-A, 17 May 1999, with changes through revision 13, subject: Interim Statement of Airworthiness Qualification, AH-64D Longbow Apache Helicopter.

b. Technical Manual 1-1520-251-10, Operator's Manual, AH-64D Helicopter, 29 March 2002, with changes.

c. Technical Manual 1-1520-APACHE/LONGBOW, Interactive Electronic Technical Manual (IETM), AH-64D Helicopter, 21 May 2004.

2. This memorandum constitutes an AWR in accordance with (IAW) Army Regulation (AR) 70-62. This AWR authorizes the use of NVGs (ANVIS-6) in both crew stations in US Army AH-64D helicopters. This release does not render invalid any other AWRs currently covering the AH-64D helicopters indicated above.

3. Configuration: For the purpose of this release, the AH-64D helicopters are defined per reference 1b, as modified by references 1a and 1c with Deviations and Waivers as noted on the DD250 document and the respective aircraft's DA Form 2408-17 inventory document.

4. Operations and Restrictions: Video Underlay reflection in the CPG overhead canopy may negatively impact NVG performance in the pilot station.

5. Special Inspections and Instructions: N/A

6. Aircraft Logbook Entries:

a. In accordance with Department of the Army (DA) Pamphlet 738-751, the following entries shall be made on DA Form 2408-13-1/2408-13-1-E and shall be perpetuated on each form during the period of installation/test, or until superseded by another Airworthiness Release, or until reason for limitation is removed.

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Place a circled red "X" on the form IAW DA PAM 738-751. In the Fault Information Block, make the following entry: "Operate aircraft as prescribed in the airworthiness release dated 4 Oct 04."

b. An exact copy of this AWR describing the operating procedures, limitations, and restrictions will be inserted in the aircraft logbook and another copy inserted in the Aircraft Historical Record File.

c. For DA Form 1352 reporting purposes, the above write-up shall not cause the aircraft to be reported as Partially Mission Capable (PMC). Aircraft which are nonstandard configured and operating under this release may be reported as Fully Mission Capable (FMC).

7. This AWR will remain effective until rescinded.

8. The point of contact is Mr. Wm. David Hazen, AMSRD-AMR-AE-D, DSN 897-2350 extension 9834, commercial (256) 705-9834, or E-mail: Dave.Hazen@rdec.redstone.army.mil.


for KEVIN M. ROTENBERGER
Acting Director of Aviation Engineering